GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA

UNSTARRED QUESTION NO:1051
ANSWERED ON:27.02.2006
RESEARCH PROJECT IN TRANSGENIC CROPS
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Will the Minister of AGRICULTURE be pleased to state:

(a) whether the Government has accorded sanction to launch a research project in transgenic crops in order to increase its resistance power and productivity;

(b) if so, the names of the institutions likely to take up the said research projects; and

(c) the expenditure incurred on such projects during the years 2004-05 and 2005-06?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI KANTI LAL BHURIA)

(a) Yes, Sir. The Indian Council of Agricultural Research (ICAR) has sanctioned a network project entitled `Transgenics in Crops` to intensify research on development of transgenics to increase yield and quality in 14 crops involving 20 ICAR institutes during two year (2005-2007) of X Five Year Plan. The project has following two main components:-

(i) Functional genomics: For identification of new genes and DNA markers for agronomically important traits in rice, wheat, maize, chickpea, mustard, tomato and banana;

(ii) Development of transgenics for insect and virus resistance in rice, maize, sorghum, chickpea, soybean, brassica, cotton, pigeonpea, potato, tomato, papaya, cassava, brinjal, banana.

(b) The names of the institutions are enclosed as Annexure-I.

(c) The sanction of the project was issued during August, 2005. The fund allocation and released of the project is given below:-

Year	Fund Sanctioned (Rs. in Lakhs)	Fund released (Rs. in Lakhs)	Remark
2004-2005	Nil		
2005-2006	2607.21	1774.329	Released upto 21st February, 2006

Annexure-I

Participating Institutes in Network Project on `Transgenics in Crops`

Centre No.	Sub-Project/Centre
1.	National Research Centre on Plant Biotechnology (NRCPB), New Delhi
2.	National Research Centre for Banana (NRCB), Thiruchirapalli, Tamil Nadu
3.	National Research Centre for Soybean(NRCS), Indore, Madhya Pardesh
4.	National Research Centre on Rapeseed-Mustard (NRCRM), Bharatpur, Rajasthan

5. Indian Agricultural Research Institute (IARI), New Delhi

6. Indian Council of Agricultural Research - North-Eastern Hills (ICAR- NEH), Shillong, Meghalaya

7. Directorate of Rice Research (DRR), Hyderabad, Andhra Pradesh

8. Directorate of Maize Research (DMR), New Delhi

9. Directorate of Wheat Research (DWR), Karnal, Haryana

10. Central Rice Research Institute(CRRI), Cuttack, Orissa

11. Central Institute for Cotton Research(CICR), Nagpur, Maharashtra

12. Central Institute for Sub-tropical Horticulture (CISH), Lucknow, Uttar Pradesh

13. Central Potato Research Institute (CPRI), Shimla, Himachal Pradesh

14. Central Tuber Crops Research Institute (CTCRI), Thiruvanthapuram, Kerala

15. Central Soil & Salinity Research Institute (CSSRI), Karnal, Haryana

16. Indian Institute of Vegetable Research (IIVR), Varanasi, Uttar Pradesh

17. Indian Institute of Pulses Research (IIPR), Kanpur, Uttar Pradesh

18. Indian Institute of Horticultural Research (IIHR), Bangalore, Karnataka

19. Vivekanand Parvitya Krishi Anusandhan Shala (VPKAS), Almora, Uttranchal

20. National Research Centre for Sorghum (NRCS), Hyderabad, Andhra Pradesh